FIG. 1

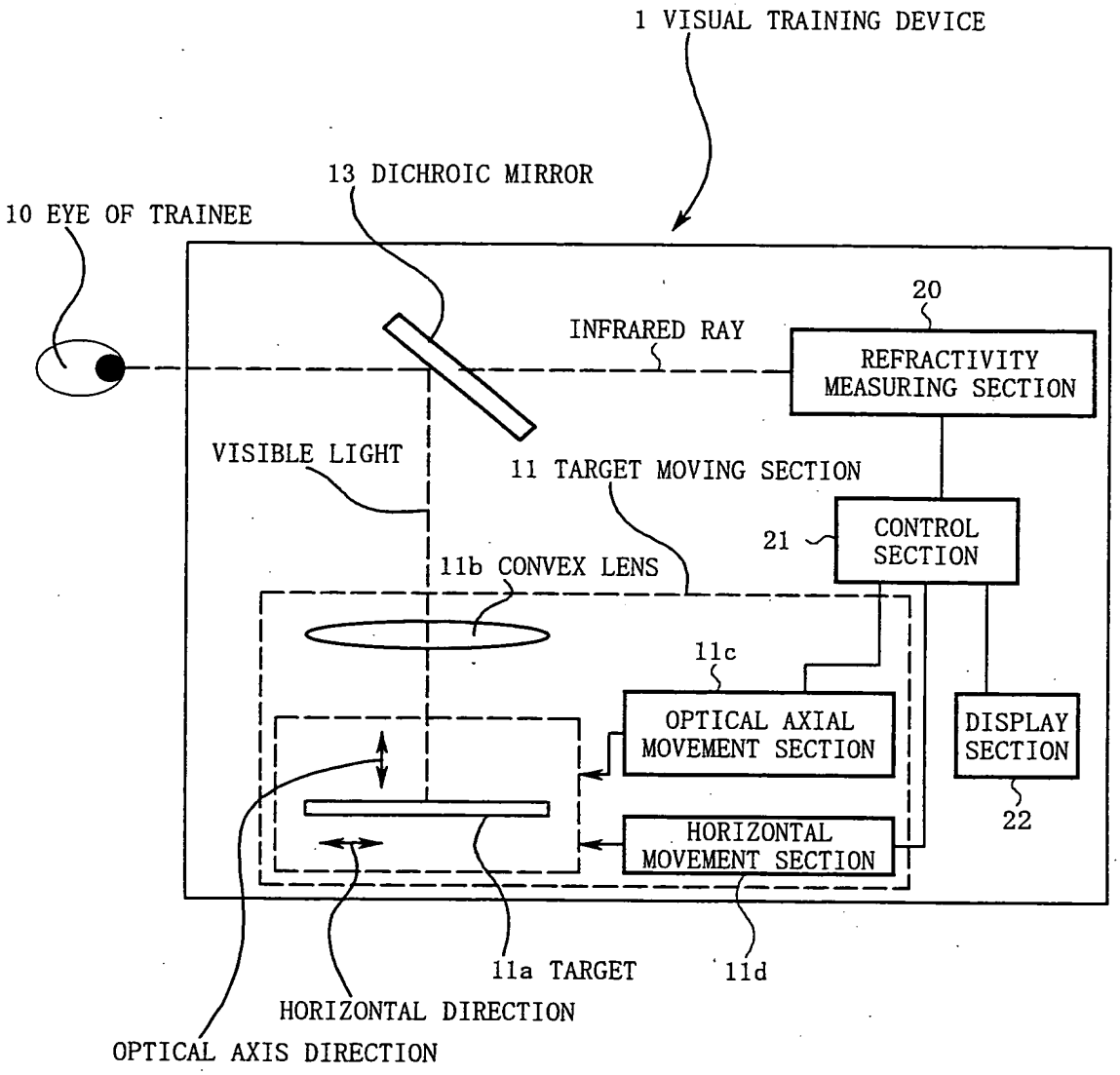
1 VISUAL TRAINING DEVICE
13 DICHROIC MIRROR
10 EYE OF TRAINEE
20
INFRARED RAY
REFRACTIVITY MEASURING SECTION
VISIBLE LIGHT
11 TARGET MOVING SECTION
21
CONTROL SECTION
11b CONVEX LENS
11c
OPTICAL AXIAL MOVEMENT SECTION
DISPLAY SECTION
22
HORIZONTAL MOVEMENT SECTION
11a TARGET
11d
HORIZONTAL DIRECTION
OPTICAL AXIS DIRECTION

FIG. 2

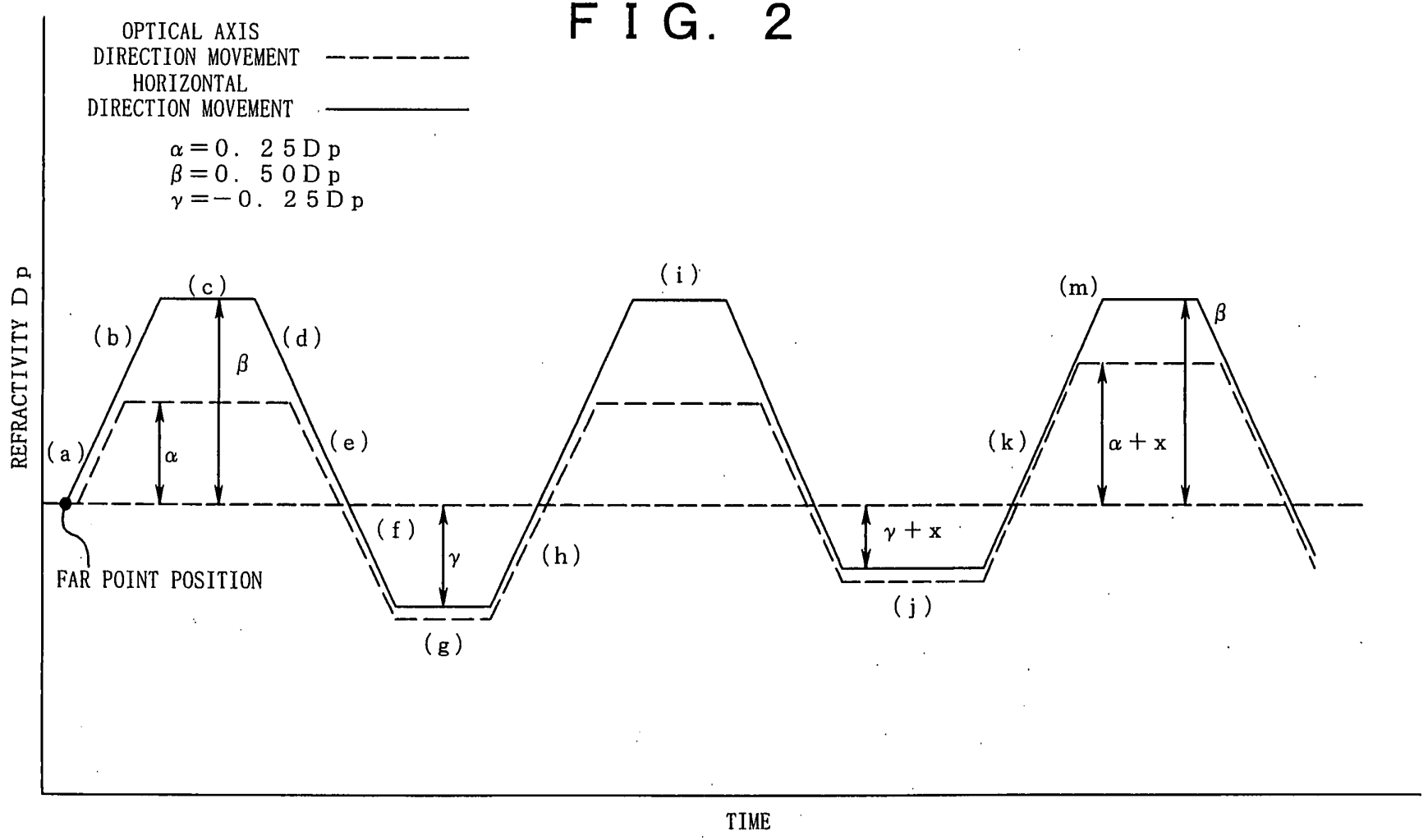
OPTICAL AXIS DIRECTION MOVEMENT
HORIZONTAL DIRECTION MOVEMENT
α=0.25Dp
β=0.50Dp
γ=−0.25Dp
REFRACTIVITY Dp
TIME
FAR POINT POSITION
(a)
(b)
(c)
(d)
(e)
(f)
(g)
(h)
(i)
(j)
(k)
(m)
α
β
γ
α+x
γ+x

FIG. 3

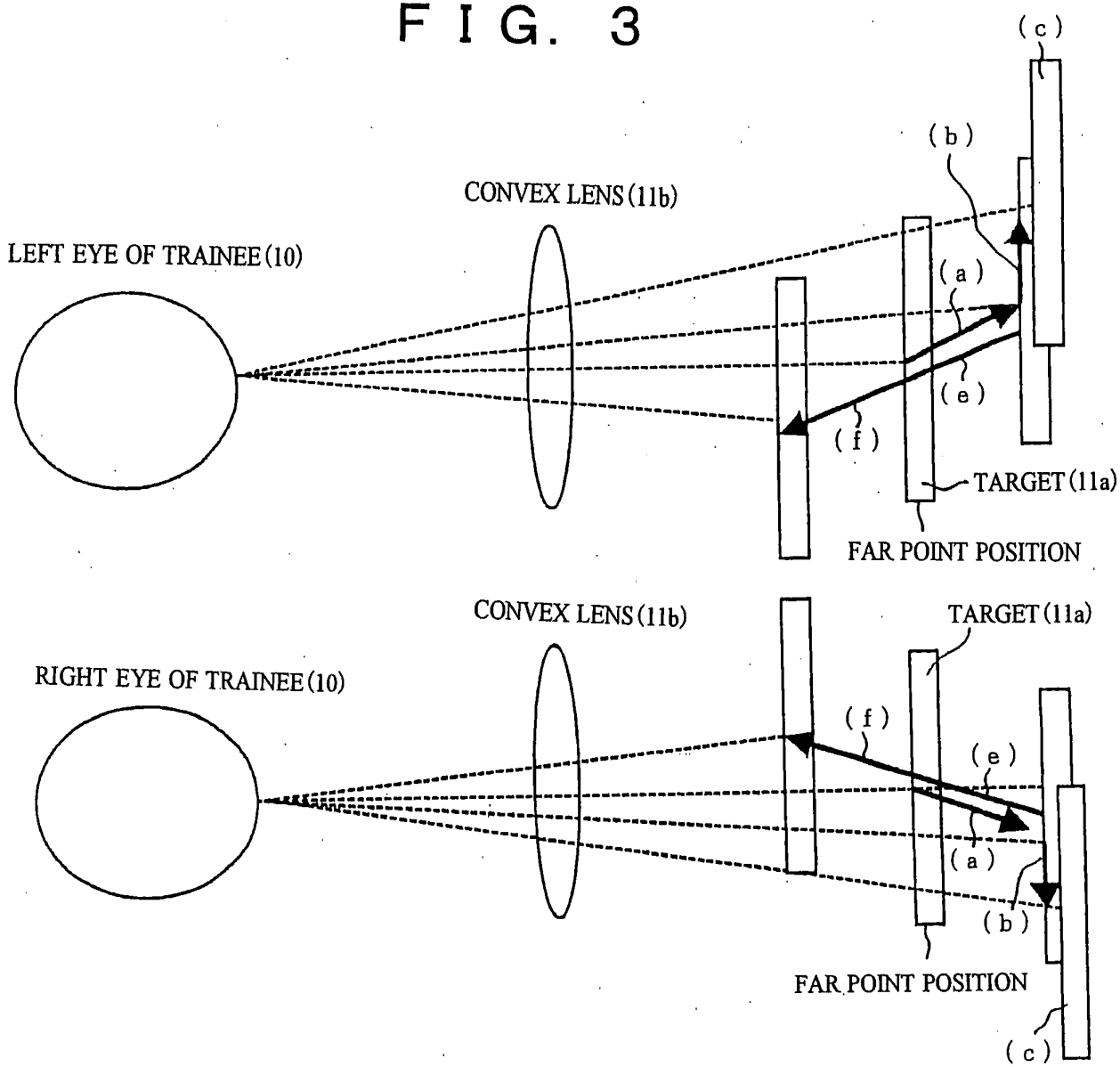
(c)
(b)
CONVEX LENS (11b)
LEFT EYE OF TRAINEE (10)
(a)
(e)
(f)
TARGET (11a)
FAR POINT POSITION
CONVEX LENS (11b)
TARGET (11a)
RIGHT EYE OF TRAINEE (10)
(f)
(e)
(a)
(b)
FAR POINT POSITION
(c)

FIG. 4

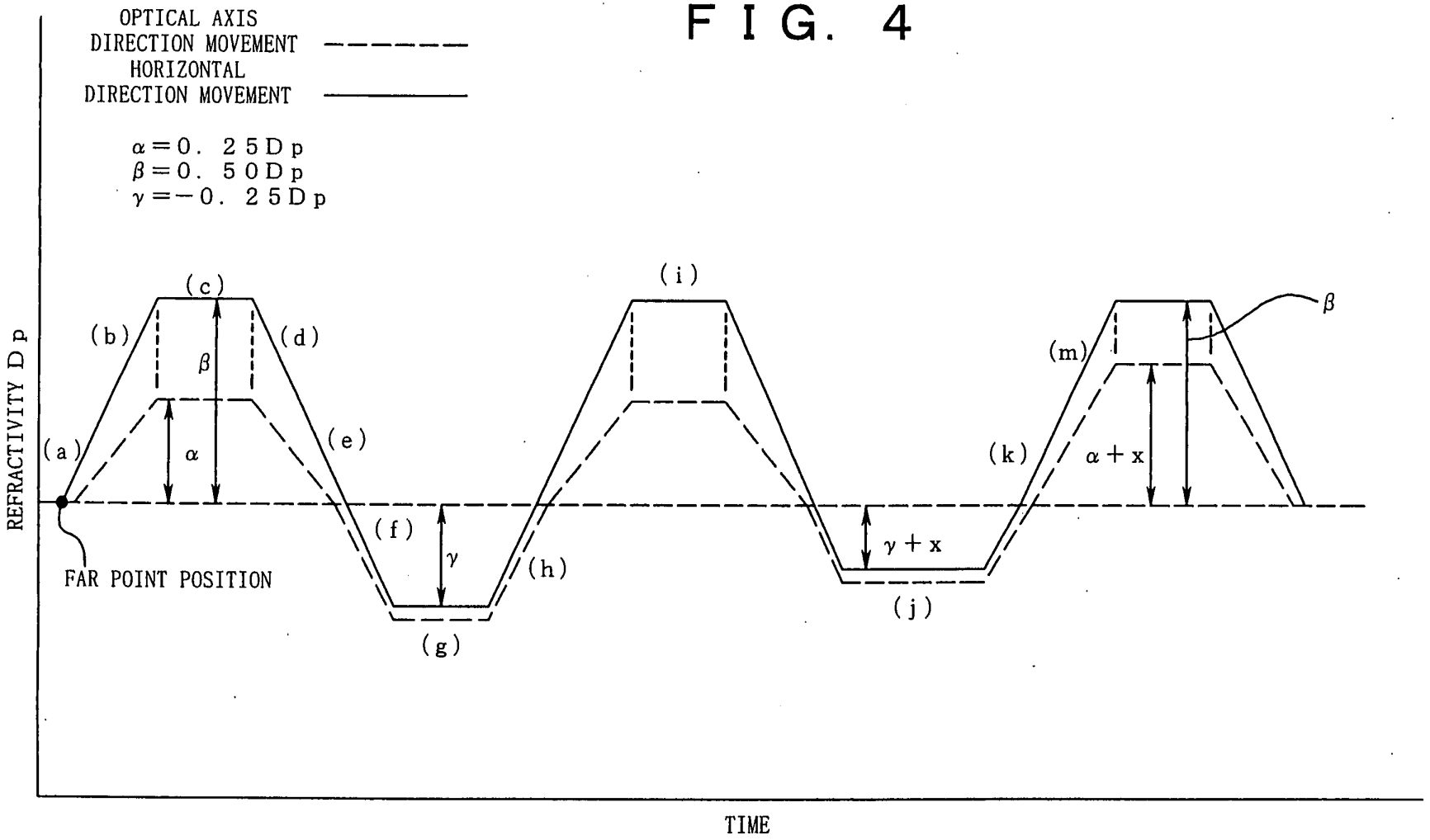
OPTICAL AXIS DIRECTION MOVEMENT
HORIZONTAL DIRECTION MOVEMENT
α=0.25Dp
β=0.50Dp
γ=−0.25Dp
REFRACTIVITY Dp
TIME
FAR POINT POSITION
(a)
(b)
(c)
(d)
(e)
(f)
(g)
(h)
(i)
(j)
(k)
(m)
α
β
γ
α+x
γ+x

FIG. 5

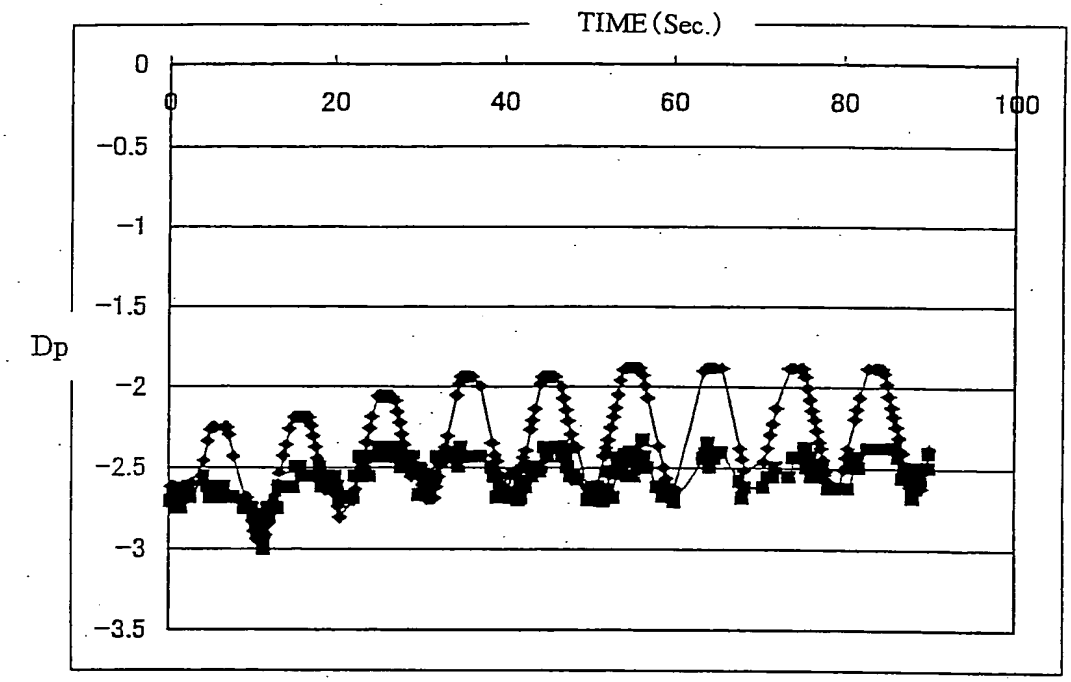

FIG. 6

	NORMAL(A)	AFTER TRAINING(B)	B−A
sub. 1	1.22	1.54	0.32
sub. 2	0.9	1.06	0.16
sub. 3	1.38	1.14	−0.24
sub. 4	1.06	1.3	0.24
sub. 5	0.98	1.14	0.16
sub. 6	0.74	0.9	0.16
sub. 7	1.14	1.06	−0.08
sub. 8	0.9	0.98	0.08
sub. 9	1.06	0.9	−0.16
sub. 10	1.14	1.22	0.08
sub. 11	1.14	1.38	0.24
sub. 12	0.82	0.9	0.08
AVERAGE	1.04	1.126666667	0.086666667
STANDARD DEVIATION	0.180906807	0.204198359	

FIG. 7

	NORMAL(A)	AFTER TRAINING(B)	B−A
sub. 1	1.17	1.06	−0.11
sub. 2	0.98	1.26	0.28
sub. 3	1.3	1.3	0
sub. 4	0.98	0.66	−0.32
sub. 5	1.06	0.9	−0.16
sub. 6	0.82	0.9	0.08
sub. 7	1.14	1.3	0.16
sub. 8	1.06	0.98	−0.08
sub. 9	1.14	1.14	0
sub. 10	1.06	1.06	0
sub. 11	1.06	1.14	0.08
sub. 12	0.82	0.82	0
AVERAGE	1.049166667	1.043333333	−0.00583333
STANDARD DEVIATION	0.137870712	0.199969695	

PRIOR ART

FIG. 8